

METHOD AND APPARATUS FOR ACCURATELY LOCATING A COMMUNICATION
DEVICE IN A WIRELESS COMMUNICATION SYSTEM

ABSTRACT OF THE DISCLOSURE

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- A wireless communication system employs a method and apparatus for accurately locating a communication device in the system. The communication system includes a system infrastructure that provides communication services to
- 10 communication devices distributed throughout the communication system. Either on its own or, more preferably, responsive to a request from a requesting device for an accurate location of a particular communication device, the system infrastructure determines an approximate
- 15 geographic location of the communication device. Based on the approximate location, the infrastructure transmits a request to the communication device for a more accurate location of the device preferably together with a map of an area that includes the approximate location of the device.
- 20 The communication device preferably displays at least the map to a user of the device and, responsive to user input, transmits the more accurate location of the device to the system infrastructure. After receiving the more accurate location, the system infrastructure conveys the location to
- 25 a target device preferably identified in the original location request received by the infrastructure.

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